

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Frough Sherwani

GENERAL INFORMATION:

Name:	Trane
Address:	1500 Mercer Road Lexington, KY 40511
Date application received:	12/15/2006
SIC Code/SIC description:	3585, Air conditioning and warm air heating
Source ID:	21-067-00009
Source A.I. #:	1100
Activity ID:	APE20060001
Permit:	F-07-007

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutants	Actual 2005 (tpy)	Allowable (tpy)	Potential (tpy)
PM/PM10	0.128	NA	18.709
*SO₂	0.00699	25.0	135.28
NO_x	1.6318	NA	38.106
CO	0.4078	NA	21.518
**VOC	5.18	50.0	122.93

* The source has accepted a facility-wide cap on annual SO₂ (Sulfur Dioxide) emissions of no more than 25.0 tons per rolling 12-month period

** The source has accepted a facility-wide cap on annual VOC emissions of no more than 50.0 tons per rolling 12-month period.

SOURCE DESCRIPTION:

Trane, a Division of American Standard Inc, operates a facility in Lexington, Fayette County, Kentucky. The facility manufactures commercial air conditioning units under SIC 3585. The facility operations include sheet metal forming, coating and assembly of the units. Trane is currently operating under permit no. F-97-012 (Revision 1), which expired on August 29, 2002.

On February 23, 2002, the source applied to the Division for the renewal of their conditional major permit. An updated renewal application was submitted on December 15, 2006.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

1. The source has accepted a facility-wide cap on annual VOC emissions of no more than 50.0 tons per rolling 12-month period. Compliance with this allowable will be demonstrated by record keeping and emissions estimating methodology specified in the terms and conditions of the permit.
2. The source has accepted a facility-wide cap on annual SO₂ (Sulfur Dioxide) emissions of no more than 25.0 tons per rolling 12-month period. Compliance with this allowable will be demonstrated by record keeping and emissions estimating methodology specified in the terms and conditions of the permit.